

Imperial Valley Regional Occupational Program  
**Medical Terminology - Course Outline – 180 hours**

<b>Grade Level</b>	11,12	<b>Course Length</b>	180 hours
<b>Credits</b>	5/semester elective credits	<b>Prerequisites</b>	Successful completion of High School English (C or above) and Biology
<b>Instructional Methodology</b>		Classroom Only	

**Course Description** - This course is an introduction to basic principles of medical terminology and vocabulary needed to work in the healthcare field with emphasis on spelling, pronunciation, abbreviations and definition of medical terms. Comprehensive medical vocabulary will be related to the body systems and medical specialties. The course will also cover career opportunities in healthcare as well as the roles and responsibilities of the health care team.

**Goals** - The goal of this course is to prepare the student for further classes in the healthcare field and for entry- level employment in an acute care hospital or medical facility.

**Instruction Methods**

- Teacher Directed Lessons
- Computer Assisted Instruction
- Guest Speakers
- Large/Small Group Problem Solving
- Student Directed Instruction
- Multimedia Curriculum
- Role-Playing
- Classroom Discussions
- Cooperative Learning

**Material Used in Teaching the Course:**

**Basic Text:** Medical Terminology for Health Professions, Sixth Edition, Ann Ehrlich and Carol L. Schroeder, Delmar Cengage Publishing

**Supplementary Materials:**

1. CD Rom of Medical Terminology for Health Professions Sixth Edition, Version 3.0.0
2. Mosby's Dictionary for Medical, Nursing and Health Professions, Eighth Edition, Mosby, Elsevier Publishing
3. Videos- Human Systems

**Student Materials:**

1. Notebook
2. Pencil and Pen
3. Highlighters
4. Flash Cards- Index cards

**Evaluation:**

1. Student assignments
2. Class participation
3. Exams
4. Student attendance

**Grading Scale:**

- A=90-100%
- B=80-89%
- C=70-79%
- D=60-69%
- F=0-59%

Students must complete the course with a B or better to be considered for passing.

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**Major Instructional Units:**

1. Orientation
  - a. Course procedures, rules and schedule.
  - b. Course goals and Objectives.
  
2. Basic Word Structure (Reading 2.1: 1.1 Identify and use – word derivations)
  - a. Word analysis 1.1
  - b. Combining forms, suffixes, and prefixes. 1.1
  - c. Practical applications 11.0
  
3. Terms pertaining to the body as a whole *B1.2, E1.2, B1.0, 11.0, Reading 2.1: 1.1*
  - a. Structural organization of the body
  - b. Main Body Organs
  - c. Positional and directional terms
  - d. Planes of the body
  - e. Combining forms, prefixes, and suffixes
  - f. Practical applications 11.0
  - g. Related Health Careers 3.0
  
4. Terms pertaining to Body System *B1.2, E1.2, B1.0, B3.0, 11.0, Reading 2..1:1.1*
  - a. Anatomy and physiology
  - b. Vocabulary 1.1
  - c. Combining forms and terminology 1.1
  - d. Laboratory and diagnostic pathological terms
  - e. Laboratory tests, clinical procedures and abbreviations
  - f. Practical applications 11.0
  - g. Related Health Careers 3.0
  
5. Terms pertaining to Digestive System (Reading 2.1: 1.1)
  - a. Anatomy and physiology
  - b. Vocabulary1.1
  - c. Combining forms and terminology 1.1
  - d. Laboratory and diagnostic pathological terms 1.1
  - e. Laboratory tests, clinical procedures and abbreviations
  - f. Practical applications 11.0
  - g. Related Health Careers 3.0
  
6. Terms pertaining to Immune Lymphatic system & Hematology (Reading 2.1: 1.1)
  - a. Anatomy and physiology
  - b. Vocabulary 1.1
  - c. Combining forms and terminology
  - d. Laboratory and diagnostic pathological terms
  - e. Laboratory tests, clinical procedures and abbreviations
  - f. Practical applications 11.0
  - g. Related Health Careers 3.0
  
7. Terms pertaining to Urinary System (Reading 2.1: 1.1)
  - a. Anatomy and physiology

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- b. Vocabulary 1.1
  - c. Combining forms and terminology 1.1
  - d. Laboratory and diagnostic pathological terms
  - e. Laboratory tests, clinical procedures and abbreviations
  - f. Practical applications 11.0
  - g. Related Health Careers 3.0
8. Medical Terminology in pharmacy *11.0, B1.2, E1.2 (Reading 2.1:1.1)*
- a. Anatomy and physiology
  - b. Vocabulary, terminology, prefixes and combining forms 1.1
  - c. Drug name standards and references (AB ratings, generic vs. brand names)
  - d. Clinical procedures and abbreviations
  - e. Practical applications
  - f. Health careers related to the pharmacy
  - g. Vocabulary, combining forms and terminology
  - h. Pathology of the male and female reproductive system
  - i. Clinical procedures and abbreviations
  - j. Practical applications 11.0
  - k. Related Health Careers 3.0
9. Nervous System *B1.2, E1.2, B1.0, B3.0, 11.0 (Reading 2.1: 1.1)*
- a. General structure of the nervous system
  - b. Neurons, Nerves and Neuralgia
  - c. The brain
  - d. Vocabulary, combining forms and terminology 1.1
  - e. Pathological conditions
  - f. Laboratory and diagnostic pathological terms 1.1
  - g. Abbreviations
  - h. Practical applications 11.0
  - i. Related Health Careers 3.0
10. Cardiovascular terms *B1.0, B1.2, B3.0, 11.0 (Reading 2.1: 1.1)*
- a. Definition of the heart
  - b. Vocabulary, combining forms and terminology 1.1
  - c. Laboratory and diagnostic pathological terms
  - d. Clinical procedures and abbreviations
  - e. Practical applications
  - f. Related Health Careers 3.0
11. Respiratory System *B1.0, B1.2, B3.0, 11.0 (Reading 2.1: 1.1)*
- a. Vocabulary, combining forms, suffixes and terminology 1.1
  - b. Laboratory and diagnostic pathological terms 1.1
  - c. Clinical procedures and abbreviations
  - d. Practical applications 11.0
  - e. Related Health Careers 3.0
12. Musculoskeletal System *B1.0, B1.2, B3.0, 11.0*
- a. Formation
  - b. Combining forms, suffixes, and prefixes

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- c. Pathological conditions
  - d. Laboratory and diagnostic pathological terms
  - e. Laboratory tests, clinical procedures and abbreviations
  - f. Practical applications 11.0
  - g. Related Health Careers 3.0
13. Integumentary and the Sense Organs *B1.0, B1.2, B3.0, 11.0 (Reading 2.1:1.1)*
- a. Vocabulary, combining form and terminology 1.1
  - b. Abbreviations
  - c. Laboratory and diagnostic pathological terms
  - d. Practical applications 11.0
  - e. Related Health Careers 3.0
14. Endocrine System *B1.0, B1.2, B3.0, 11.0 (Reading 2.1:1.1)*
- a. Thyroid gland, parathyroid glands, adrenal glands, pancreas and pituitary gland
  - b. Vocabulary, combining form and terminology. 1.1
  - c. Laboratory and diagnostic pathological terms
  - d. Abnormal and pathological conditions
  - e. Abbreviations.
  - f. Practical applications. 11.0
  - g. Related Health Careers 3.0
15. Urinary System
- a. Anatomy and physiology
  - b. Vocabulary 1.1
  - c. Combining forms and terminology 1.1
  - d. Laboratory and diagnostic pathological terms
  - e. Laboratory tests, clinical procedures and abbreviations
  - f. Practical applications 11.0
  - g. Related Health Careers 3.0
16. Reproductive System
- a. Anatomy and physiology
  - b. Vocabulary 1.1
  - c. Combining forms and terminology 1.1
  - d. Laboratory and diagnostic pathological terms
  - e. Laboratory tests, clinical procedures and abbreviations
  - f. Practical applications 11.0
  - g. Related Health Careers 3.0
17. **ESSENTIAL EMPLOYABILITY SKILLS/CAREER PREPARATION STANDARDS**
- a. Understand how personal skill development affects employability (positive attitude, honesty, self-confidence, time management). *8.0*
  - b. Understand principles of effective interpersonal skills (group dynamics, conflict resolution, negotiations). *9.0*
  - c. Understand the importance of good academic skills, critical thinking and problem-solving in the workplace. *1.0, 5.0*
  - d. Understand principles of effective communication. *2.0*
  - e. Understand occupational safety issues and observe all safety rules. *6.0*
  - f. Understand career awareness, paths and strategies for obtaining employment. *3.0*
  - g. Understand and adapt to changing technology. *10.0*
  - h. Understand and prepare for employment (resume, master application, job interview, portfolio development). *3.0*